

## RICE POLISHING METHOD

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### Abstract of JP2004024930

**PROBLEM TO BE SOLVED:** To provide a rice polishing method which removes an embryo bud left in polished rice extremely efficiently and reduces power loss of a friction-type rice polishing machine and further prevents rice breakage.

**SOLUTION:** Unhulled rice or unpolished rice is germinated and rice polishing is carried out under lower pressure, then a germinated part is dropped. The unhulled or unpolished rice to be easily germinated and having larger grain size is accurately selected (step 1). The accurately selected unhulled or unpolished rice is put in a commercially available germination apparatus and germinated (step 2). For example, a germination device designed to germinate the unhulled or unpolished rice by immersion of them in sterilizing water for a predetermined time, an incubator to be maintained at a predetermined temperature or a constant-temperature vessel is used as the germination apparatus. Subsequently, the unhulled or unpolished rice is taken out of the germination device, the incubator or the constant-temperature vessel and washed enough by water, and water content of a germinated unhulled or germinated unpolished rice is decreased to approximately 15% through drying with a drying device such as an autoclave (step 3). The germinated part of 0.5-2 mm is left in the germinated unhulled or germinated unpolished rice; however, the germinated part itself is dried and hardened. Thus adhesion between an endosperm part and the germinated part is weakened, and the embryo bud is removed only by rice polishing lightly carried out under low pressure.

